CITY OF NORTH MIAMI
PUBLIC WORKS DEPARTMENT
CONTRACT PLANS
PROPOSED 8" WATERMAIN
NE 145TH ST TO NE 143RD ST BETWEEN NE 5TH AVE AND NE 6TH AVE AND ALONG NE 5TH PL
MAYOR
DR. SMITH JOSEPH
COUNCIL DISTRICT 1
SCOTT GALVIN
COUNCIL DISTRICT 2
CAROL KEYS
COUNCIL DISTRICT 3
PHILIPPE BÉNÉ-ÂIME
COUNCIL DISTRICT 4
ALIX DESULME

MIAMI-DADE COUNTY - FLORIDA

PROJECT LOCATION

LOCATION MAP
SECTION 19, TOWNSHIP 52, RANGE 42

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CONSTRUCTION SPECIFICATIONS

THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT REQUIRES THAT ALL CONSTRUCTION OF UTILITIES WHICH THE PUBLIC IS SERVED BY MAY BE PERMITTED ACCORDING TO THE CITY OF NORTH MIAMI PUBLIC WORKS GUIDE SPECIFICATIONS AND CITY OF NORTH MIAMI, WITH THE FOLLOWING EXCERPT:

A.

CONSTRUCTION CONTRACTORS ARE REQUIRED TO PROVIDE A SET OF SITE PLAN DRAWINGS FOR SUBMISSION TO THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT PRIOR TO THE ISSUING OF A CONSTRUCTION PERMIT. THE SITE PLAN MUST INCLUDE THE FOLLOWING:

1. A GENERAL SITE PLAN SHOWING THE LOCATION OF THE UTILITIES TO BE CONSTRUCTED OR MODIFIED, INCLUDING BUT NOT LIMITED TO:
   a. Footings and foundations
   b. Sewers
   c. Water mains
   d. Storm sewers
   e. Storm drain systems
   f. Electrical conduit systems
   g. Underground utilities

2. A detail drawing showing the location and type of utilities to be installed, including but not limited to:
   a. Water main line valves
   b. Fire hydrants
   c. Sewer lines
   d. Electrical conduits
   e. Underground utility lines

3. A material list showing the type and quantity of materials to be used, including but not limited to:
   a. Water main line valves
   b. Fire hydrants
   c. Sewer lines
   d. Electrical conduits
   e. Underground utility lines

4. A schedule showing the estimated time for the completion of each phase of the project, including but not limited to:
   a. Site grading
   b. Foundation construction
   c. Sewer line installation
   d. Water main line installation
   e. Electrical conduit installation

5. A statement indicating the name and address of the contractor, the engineer, and the architect, if applicable, along with the date of submission.

B.

THE CONTRACTOR SHALL NOTIFY THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT OF THE PROPOSED DATE OF COMMENCEMENT OF WORK NOT LESS THAN 48 HOURS IN ADVANCE OF THE PROPOSED DATE.

C.

THE CONTRACTOR SHALL NOTIFY THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT OF THE PROPOSED DATE OF COMPLETION OF WORK NOT LESS THAN 48 HOURS IN ADVANCE OF THE PROPOSED DATE.

D.

THE CONTRACTOR SHALL NOTIFY THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT OF THE PROPOSED DATE OF ACCEPTANCE OF WORK NOT LESS THAN 48 HOURS IN ADVANCE OF THE PROPOSED DATE.

E.

THE CONTRACTOR SHALL NOTIFY THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT OF THE PROPOSED DATE OF FINAL ACCEPTANCE OF WORK NOT LESS THAN 48 HOURS IN ADVANCE OF THE PROPOSED DATE.

F.

THE CONTRACTOR SHALL NOTIFY THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT OF THE PROPOSED DATE OF SUBMISSION OF THE FINAL BILLS NOT LESS THAN 48 HOURS IN ADVANCE OF THE PROPOSED DATE.

G.

THE CONTRACTOR SHALL NOTIFY THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT OF THE PROPOSED DATE OF SUBMISSION OF THE FINAL BILL OF LADING NOT LESS THAN 48 HOURS IN ADVANCE OF THE PROPOSED DATE.

H.

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T.

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Y.

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Z.

THE CONTRACTOR SHALL NOTIFY THE CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT OF THE PROPOSED DATE OF SUBMISSION OF THE FINAL BILL OF LADING NOT LESS THAN 48 HOURS IN ADVANCE OF THE PROPOSED DATE.
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) CHECKLIST

A. SEQUENCE OF ALL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS:
1. CLEARANCE & DEMOLITION
2. REMOVAL OF INSTALLATIONS AND DEBRIS
3. INSTALLATION OF BARRIERS AROUND HASSLES
4. INSTALLATION OF FABRIC, FILTER CONSTRUCTION
5. PLACEMENT OF MATERIALS TO CONTROL STORMWATER
6. STABILIZATION
7. INSTALLATION OF FLOW DIVERTER
8. APPLICATION OF TRACTION COURSE AC.
9. WINDMILL INSTALLATION
10. MONITOR DAILY
11. CLEAN ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE

B. GENERAL
1. APPLY THIS PLAN TO LOCAL ISSUES
2. ALL OF THE ACTIVITIES SHALL BE ORNAMENTED AT ALL TIMES
3. ALL CONTROLS SHALL BE INSPECTED DAILY
4. APPLY PREVENTIVE AND PROACTIVE MEASURES TO ENSURE THE IMPORTANCE OF THE PROJECT
5. REPORT NON-CONFORMITY (SUBSTITUTE EXVERSIVE ENTHUSIAST)
6. VISIT SWPPPLAN.RGC/DESIGN/ENGINEERING

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS
1. TYPE "A" AND "B" SYNTHETIC BALES SHOULD BE STABLE IN ACCORDANCE WITH CHART 1, SHEET 1 PER PAGE
2. BALES SHALL BE DESIGNED WITH 3" X 3" OR 4" X 4" - X 4" BARS STRENGTHENED OR OTHER MATERIAL (ABOVE PROPERLY DESIGNED STRENGTH AND STRENGTHENED) MAY BE USED. IF DESIGNED IN THE PROJECT. OTHER BARS MAY BE DESIGNED UPON COMPLETION OF THE PROJECT
3. BALES AND PARTS SHALL BE 3" X 3" OR 4" X 4" BARS. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF DESIGNED IN THE PROJECT
4. WINDMILLS OR CONSTRUCTION MAY BE USED FOR CONSTRUCTION
5. CEMENT OR BRICK BRICK OR CEMENT IS TO BE USED ON TOP OF THE FENCE

DITCH BOTTOM INLET STRUCTURE POLLUTION PROTECTION OR APPROVED SWP EQUAL PER FOOT AND FDEP STANDARDS

CONCRETE OR BRICK FILTER FABRIC TYPE E+ CONCRETE OR BRICK
WATER MAIN DETAILS

CRAVEN THOMPSON AND ASSOCIATES, INC.
ENGINEERS       PLANNERS       SURVEYORS

Patrick J. Gibney
Florida P.E. No. 49428
June 10, 2019

PROPOSED 8" C-900 WATER MAIN
FOR NE 5TH PL
FROM NE 145th ST TO NE 143rd ST
CITY OF NORTH MIAMI

DRT
11/07/18
DRT
11/21/18
DRT
11/07/18
DRT
11/21/18
16. Adjacent intersections shall not be constructed simultaneously unless directed by the Engineer.

17. Intersections shall be reconstructed working continuously until the structural course is placed.

18. Work at major intersections shall be done continuously until the road has been paved and drop offs safety slipped. Work hours at these intersections shall be from 11:00 PM, Friday until 5:00 AM, the following Monday at which time the the work shall be completed.

19. At the end of each work day or whenever the work zone becomes inactive, any drop off greater than 6 in. adjacent to pedestrian, bicycle, and wheelchair travel paths shall be backfilled flush with the said paths or protected with temporary fence, concrete barrier wall or approved handrail. Cost shall be included in Pay Item No. 102-1, Maintenance of Traffic.

20. Construction activities that involve sidewalks on both sides of the street are not allowed unless approved by the Engineer.
NOTES:

1. THE FDOT INDECES ARE FOR REFERENCE ONLY. CRAVEN THOMPSON & ASSOCIATES DOES NOT ASSUME ANY RESPONSIBILITY FOR HOW THE CONTRACTOR EXECUTES THEIR MOT.

2. CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING AN MOT PLAN FOR APPROVAL BY THE CITY THAT MEETS MUTCD AND FDOT STANDARDS.
**Legend**

- Denotes asphalt (to restore full length lane)
- Mill 1" avg. depth asphaltic concrete surface course, resurface 1" avg. depth asphaltic concrete surface course
- Denotes full depth reconstruction (per detail on sheet 10, QS 1.6)
- Denotes sodded area
- Denotes concrete 4" sidewalk or driveway (4" avg.)

**Key Map**

- CRAVEN THOMPSON AND ASSOCIATES, INC.
  - ENGINEERS
  - PLANNERS
  - SURVEYORS
  - Patrick J. Gibney
  - Florida P.E. No. 49428
  - June 10, 2019

- Project # 18-0037-001-01
  - NE 5th Pl
  - From NE 145th St to NE 143rd St
  - City of North Miami

- Full pavement restoration
- Sod to restore
- 4" sidewalk to restore
- Mill & resurface restoration
- 6" white solid edge line to restore
- 10'-30' skip line to restore
- Crosswalk to restore per FDOT index 17346

- Proposed 8" C-900 water main
  - For NE 5th Pl
  - From NE 145th St to NE 143rd St

- Full plan, profile and section drawings included

- Restoration plan

- Match line see sheet C-16
KEY MAP

LEGEND

DENOTES ASPHALT (TO RESTORE FULL LENGTH LANE)
MILL 1" AVG. DEPTH, ASPHALTIC CONCRETE SURFACE COURSE RESURFACE 1" AVG. DEPTH, ASPHALTIC CONCRETE SURFACE COURSE
DENOTES FULL DEPTH RECONSTRUCTION (PER DETAIL ON SHEET 16, GS 1.9)
DENOTES SODDED AREA
DENOTES CONCRETE 4" SIDEWALK OR DRIVEWAY (4" AVG.)

CRAVEN   THOMPSON AND ASSOCIATES, INC.
ENGINEERS       PLANNERS       SURVEYORS

Patrick J. Gibney
Florida P.E. No. 49428
June 10, 2019
SECTION A-A (PROPOSED)

N.T.S. TYPICAL ROADWAY PAVEMENT
SECTION WITHIN F.D.O.T. R.O.W.
(NE 6 AVENUE)